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PATENT APPLICATION JAN 28 2008  
PO-7966  
LeA 35,371

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICATION OF )  
HARDY JÜNGERMANN ET AL ) GROUP NO.: 1714  
SERIAL NUMBER: 10/734,680 ) CONFIRMATION NO.: 1186  
FILED: DECEMBER 12, 2003 ) EXAMINER: JOSEPH D. ANTHONY  
TITLE: A LEAD-FREE MIXTURE AS A )  
RADIATION PROTECTION )  
ADDITIVE )

**RESPONSE AND AMENDMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sirs:

Responsive to the Office Action dated August 28, 2007, please amend the above-identified application as follows. A separate Declaration under 37 CFR 1.132 is being filed simultaneously herewith.

**Amendments to the Claims** are reflected in the Listing of the Claims beginning on page 2 of this paper.

Remarks begin on page 5 of this paper.

Appendix A follows Response.

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Sara Sue Bliev  
Type or print name of person signing certification

Signature  
January 28, 2008  
Date